10

15

20

25

## **CLAIMS**

## WHAT WE CLAIM IS:

- A human monoclonal antibody that binds to PDGFD and comprises a heavy chain amino acid sequence selected from the group consisting of SEQ ID NOS: 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 38, 40, 42, 44, 46, and 48.
  - 2. The antibody of Claim 1, further comprising a light chain amino acid sequence selected from the group consisting of SEQ ID NOS:14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 39, 41, 43, 45, 47, and 49.
  - 3. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:13 and the light chain amino acid comprises the sequence of SEQ ID NO:14.
  - 4. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:15 and the light chain amino acid comprises the sequence of SEQ ID NO:16.
  - 5. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:17 and the light chain amino acid comprises the sequence of SEQ ID NO:18.
  - The human monoclonal antibody of claim 2, wherein the heavy
    chain amino sequence comprises the sequence of SED ID NO:19 and the light chain
    amino acid comprises the sequence of SEQ ID NO:20.
  - 7. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:21 and the light chain amino acid comprises the sequence of SEQ ID NO:22.
  - The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:23 and the light chain amino acid comprises the sequence of SEO ID NO:24.
- The human monoclonal antibody of claim 2, wherein the heavy
   chain amino sequence comprises the sequence of SED ID NO:25 and the light chain amino acid comprises the sequence of SEO ID NO:26.

10

15

20

- 10. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:27 and the light chain amino acid comprises the sequence of SEO ID NO:28.
- 11. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:29 and the light chain amino acid comprises the sequence of SEQ ID NO:30.
  - 12. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:31 and the light chain amino acid comprises the sequence of SEO ID NO:32.
  - 13. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:33 and the light chain amino acid comprises the sequence of SEQ ID NO:34.
- 14. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:35 and the light chain amino acid comprises the sequence of SEO ID NO:36.
- 15. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:37.
- 16. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:38 and the light chain amino acid comprises the sequence of SEQ ID NO:39.
- 17. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SEO ID NO:40 and the light chain amino acid comprises the sequence of SEO ID NO:41.
- 18. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:42 and the light chain amino acid comprises the sequence of SEQ ID NO:43.
  - 19. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:44 and the light chain amino acid comprises the sequence of SEQ ID NO:45.

- 20. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:46 and the light chain amino acid comprises the sequence of SEQ ID NO:47.
- 21. The human monoclonal antibody of claim 2, wherein the heavy chain amino sequence comprises the sequence of SED ID NO:48 and the light chain amino acid comprises the sequence of SEQ ID NO:49.